Citation Analysis of Annals of Library and Information Studies Journal : A Study

Synopsis Submitted to

Swami Ramanand Teerth Marathwada University, Nanded

For the Fulfillment of the requirementfor Award of the Degree of Ph. D.

In

Library and Information Science

Faculty of Inter-disciplinary Studies

Researcher

Mr. Ravi Kishanrao Chavan

Saraswati Sangeet Kala Mahavidyalaya,

Latur

Guide

Dr. Namdev Ramkishan Kate

Smt. SushiladeviDeshmukhMahila Mahavidyalaya, Latur

Research Centre

School of Media Studies

September - 2022

Citation Analysis of Annals of Library and InformationStudies Journal : A Study

Introduction

Human beings are the only creatures on this planet earth who appear to stand in their desire to better understand their existence and the world around them. We live today in a scientific world and readily see the evidence of scientific and technological developments in our society. Curiosity is the cause to gain knowledge and the human being has expanded the knowledge by the process known as research. Research is an absorbing, exciting, enjoyable and enormously productive activity. Thousands of men and women have devoted their lives to this extremely rewarding pursuit. They have made great contributions to the knowledge, welfare and progress of the mankind.

Research is a systematic quest for knowledge formulated by individual scientists by specifying the objectives, probable explanation of investigative problems, relate questions to appropriate theories and select method for observations, measurements and interpretations. Research in various disciplines culminated into an enormous quantity of literature compiled in different forms such as research publications, journals, books, theses and unpublished work, etc. These citations are analyzed by the researchers for their specific problems from time to time. The citation is a reference to a published or unpublished document. In other words, it is an alphanumeric expression embedded in the body of an intellectual work that denotes the entry in the bibliometric reference section of the scholarly work for the purpose of acknowledging the relevance of the works of others to the topic of discussion at the spot where the citation appears. Citations are the references given at the end of the scholarly documents, to the articles of the documents previously published (Gupta, 2006). The primary function of citation is to provide a connection between two documents, one which cites and the other which is cited. List of references is a list that enumerates all documents cited in the text of a thesis, research article, project report, etc. i.e. pointing to prior publications (Kumbhar, 2015).

Citation analysis is the examination of the frequency patterns and graphs in articles and books (Garfield, 1972). It uses citations to establish links to the works of other researchers. Citation analysis establishes a relation between authors, scholarly works, journals, fields and even between countries. Citation analysis, therefore, very often applied to lead the reader to further studies in the same subject area; to prepare the bibliographies; to study the use pattern of different types of documents; to find out the relative

use of literature from different countries; to study the scattering of subjects; to decide the obsolescence rate of documents in different subjects and also to know the identity and lineage of subjects. Citation analysis is an analysis of the records to determine the actual use of documents or sources. It is a method to understand the user, who uses references and cited in his research work (Kumar, 2004).

Reason for the selection of topic

Researcher has selected the topic Citation Analysis of Annals of Library and Information Studies Journal : A Study.It become bibliometrics has verities of application, through this attempt one can studies

- Ranking of Journals
- Ranking of Books
- Ranking of Authors
- Geographical distribution of articles
- Chronological distribution of citations
- Uses of documents used

So researcher selected this subject because this topic plays very Important role in the documentation Centre.

❖ **Statement of problem**

Researcher has selected the topic to research Citation analysis of annals of library and information studies journal : A Study.

❖ **About annals of library and information studies journal**

Annals of Library and Information Studies is a quarterly journal in library and information studies publishing original papers, survey reports, reviews, short communications, and letters pertaining to library science, information science and computer applications in these fields.It is an open access academic journal, published since 1954 by the CSIR-National Institute of Science Communication and Information Resources (CSIR-NISCAIR), formerly the Indian National Scientific Documentation Centre and G. Mahesh is present Editor.

❖ **Review of literature**

For the present study researcher have been used various resources The origin of the term bibliometric is taken from research in library and information science (Devarajan,G. 2002) In this book the term is given in easy language in the bibliometric studies by Pritchard and writing cited (Devarajan,G. 2002)In addition to this the introduction of bibliometric has been given clearly.

The application of bibliometric is discussed comprehensively in textbook in information science (Kawatra, P S. 1995)

A student manual of library and information science, bibliometric laws are explained in perfectly (PSG Kumar, 2002).

Given the information about bibliometric techniques in (Agarwal Vibhuti's.2000)The broad information about citation analysis has been given by her similarly (Pande B D. 1997).Have been also explain there views about citation analysis in his book research methodology for library science.

Citation index for studying science (Garfield B.,1970). Gives information about types of citation, development of citation analysis and other part of citation analysis so this book is used for this research study.

Information about application of citation analysis in the book measuring quality of sociological problem in the science citation index. (Cole Jonathan and Cole Stephen, 1997)

The purpose of citation analysis is discussed In book citation indexes in Encyclopedia of literature and information science(Winsock M, 2002). So this book is used by the researcher.

The use of citation analysis is given in the book management of serials in libraries (Nisonger Thomas E Denis Grogan, 1994). Book library and information science the information about the use of periodicals in study.

Research methodology's introduction is given in book 'Methodology of research in social science' by (Krishna swami O. R., 2000). So this book is refer also.

❖ **Objectives of research**

1. To find out types of documents cited in Annals of Library and Information Studies journal.
2. To classify the citations considering the types of document cited in the above journal.
3. To analize the citations as per the types of citing documents such as books, journals, thesis, projects, proceedings of conferences, workshop, seminars and articles on websites. 4.
4. To find out the geographical distribution of citations.
5. To find out the chronological distribution of citations.
6. To prepare ranked list of citations cited in the above journal.
7. To know the authorship pattern of citations.

❖ Hypothesis of research

1. In Annals of library and information studies journal different types of documents cited.
2. Classification of citations considering the types of document is possible.
3. Analysis of citations as per the types of citing documents such as books, journals, thesis, projects, proceedings of conferences, workshop, seminars and articles on websites is possible.
4. Geographical distribution of citations may be done easily.
5. Chronological distribution of citations can be done easily.
6. The ranked list of citations can be easily prepared.
7. Different authors have been participated in citations cited in the said journal showing the authorship pattern.

❖ Research Methodology

Research Method is a tool or technique used to collect data. It is Procedure for obtaining knowledge empirical observation and logical reasoning. Research Methodology is a way to systematically solve the research Problem. It may be understood as a science of studding how research is done scientifically methodology has many. Dimension and research methodology to continue a part of the research methodology research plays an important in management function not only in general but also in Functional areas.

According to Ahuja Ram there are different types of research. It has given below.

1. Bibliometric Method
2. Field Study Method.
3. Experimental Method.
4. Survey Method
5. Case Study Method.
6. Statistical method.
7. Historical method.

Bibliometric method is used for the Present Study of citation analysis.

❖ Definition of Research

The Advanced Learner's Dictionary of current English lays down the meaning of research as, ‘A careful investigation or inquiry especially through Search for new Facts in any branch of knowledge.’

The Webster's international dictionary denotes a very inclusive definition of research as, ‘A careful or Critical Inquiry’ or enquiry

examination in seeking Facts or Principles diligent investigation in order to ascertain something.

The term social research has been defined byP. V..Younge in the following words, "Social Research as the Systematic method of discovering new facts or verifying old facts, their sequences interrelationship casualexplanation and the natural laws which govern."

❖ Scope and Limitation of Research

The present studyis limited to only one journal. The name of journal is “Annals of Library and Information Studies.” researcher has selected 1990 to 2022 Years (128 Issues) for the citation analysis.

❖ Sample Of Study

Researcher has taken Sample for the Study 128 issues of Annals of Library and information Studies Journal of 32 years.

❖ Data Collection techniques and tools.

While deciding aboutthe method data collection to be used for the study the researcher should keptin mind two types of data viz primary and secondary.The primary data are those which recollected Afresh and the first time. The Secondary data on the other hand those which have already been collected by someone else and which have already been passed through the statistical methods.

Analytical Surveying technique is selected for the research work. And annals of library and information studies journal is the data collection tool of the research work.

❖ Information Analysis and Presentation

The Present study researcher has used Analytical Surveying techniques to analysis the Citations from article in Annals of library and information studies.

❖ Data Presentation

Citation analysis helps to know reading habit of users in every field of knowledge. It is alsohelpful to librarian for studding the Presentposition of literature and to identify the Core journal. One important aspect of citation is it's appropriateness in the specific context. This is the indirect Method like the analysis oflibraryrecords to determines the Actual use of Source. Although the error made by Citing author while giving a citations are difficult. tocheck but care has been taken in this study.

❖ **Importance of Study**

1. Ranked list of authors.
2. Preparation of ranked list of Periodicals.
3. As use as bibliography.
4. Giving Credit to related work.
5. Identifying Original publication in which an idea or Concept was discussed.
6. Identifying methodology equipment.
7. Sustaining claims.
8. Providing background reading.
9. Criticizing previous work.
10. Citing studies from of obstructing, indexing periodical and their usefulness.

❖ **Tentative Chapters scheme.**

Chapter	Particulars
01	Introduction
02	Review of literature
03	Data Analysis of citation Analysis of Annals of Library and Information Studies Journaland further Study
04	Conclusion and suggestion
	Bibliography

❖ **Bibliography**

1. Agrawal, Vibhuti. : Library serial, Delhi, Rajat Pub., 2000.
2. Ahuja, Ram. : Research methods, New Delhi and Jaipur, Rawat Publication, 2002.
3. BopalkarNaresh,, : Citation Analysts of Journal of Social unpublished M. Lib. And Isc. Dissertation Submitted to SRTMU., Nanded, 2002.
4. Cole and Eale : Cited by Devrajan G. : Bibliometric Study, New Delhi, 1997.
5. Denis, Grogan. : Library and Information science New Delhi, Ashish Publication, 1994.
6. Devrajan, G. : Research in Library and information Science New Delhi, Ess Publication, 2002.
7. Devrajan, G. : Bibliometric studies, New Delhi ESS Publication, 1997.
8. Garfield, B. : Citation Index for studying Science, Nature London, 1970.

9. Garfield, E., : citation analysis as a tool in journal evaluation, New Delhi, 1972.
10. Gupta, P. S. : Research method and statistical techniques, New Delhi, ESS ESS Publications, 2006.
11. Hambarde, G.K. : Citation analysis of Ph.D. Thesis, unpublished M. Lib. And Isc. Dissertation submitted to Chemistry department of B.A.M.U., Aurangabad, 1989.
12. Kawatra P.S. : Text book of information Science APH Publishing Corporation, 1995.
13. Kawatra P.S. : Dictionary of Library science, New Delhi,1992.
14. Khanzode, V.V. : Research Methodology techniques and tools, New Delhi, APH Publishing, 1995.
15. Kothari, C. R. : Research Methodology, methods and techniques, New Delhi, VishwaPrakashan, 2002.
16. Kumar, P.S.G. : A student manual of library and information science, Delhi, B.R. Publishing Corporation, 2002, Vol. 2.
17. Kumar, P.S.G. : Research method and statistical techniques, New Delhi, B. R. Publishing Corporation, 2004
18. Kumbhar, R. : How to write project reports, M. Phil and Ph. D. Thesis and Research Article?, Pune, Universal Prakashan, 2015.
19. Pande, B.D.: Research Methodology for library science Delhi, Anmol Publication, 1997.
20. **कुंभार, राजेंद्र. (2015)**
ग्रंथालयआणिमाहितीशास्त्रसंशोधनपद्धती,युनिव्हर्सलप्रकाशन, पुणे.
21. https://niscpr.res.in/
22. http://shodhganga inflibnet.ac.in/
23. http://nlist.inflibnet. ac in/

Researcher

Mr. Ravi KishanraoChavan
Librarian
Saraswati Sangeet Kala
Mahavidyalaya, Latur

Guide

Dr. NamdevRamkishan Kate
Librarian
Smt. SushiladeviDeshmukhMahila
Mahavidyalaya, Latur